



S/N 10/022,609

PATENT

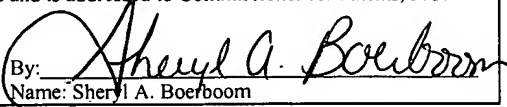
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Vandlen et al. Examiner: Hayes, Robert Clinton
Serial No.: 10/022,609 Group Art Unit: 1647
Filed: 12/17/01 Docket No.: 11669.0171USC5
Title: STRUCTURE, PRODUCTION AND USE OF HEREGULIN 2 LIGANDS

CERTIFICATE UNDER 37 CFR 1.10:

"Express Mail" mailing label number: EV 372667993 US
Date of Deposit: January 8, 2004

I hereby certify that this paper or fee is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: 
Name: Sheri A. Boerboom

REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents
Alexandria, VA 22313-1450

Dear Sir:

Please revoke any existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the U.S.

Patent and Trademark Office in connection therewith:


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Phillips, John B.	Reg. No. 37,206	Zeuli, Anthony R.	Reg. No. 45,255
Pino, Mark J.	Reg. No. 43,858		

Please direct all correspondence in this application to Katherine Kowalchyk, P.O.

Box 2903, Minneapolis, MN 55402-0903, telephone 612.371.5311.

Dated: Nov 14, 2003

By: 
Authorized Corporate Signatory





CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

Genentech, Inc., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 1 DNA Way, South San Francisco, CA 94080-4990, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:


An assignment from the inventor(s), of the patent application identified above.

The assignment was recorded in the Patent and Trademark Office on May 24, 1991, reel 5769, frame 0756, of which a copy is attached.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: Nov. 14, 2003

By: 
Name: Timothy R. Schantz
Title: Authorized Corporate Signatory



ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

ATTN: ROBERT H. BENSON
460 POINT SAN BRUNO BLVD.,
SOUTH SAN FRANCISCO, CA 94080

SEP 05 1991

Genentech, Inc. Legal Dept.

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE U.S. PATENT AND TRADEMARK OFFICE ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT ASSIGNMENT PROCESSING SYSTEM. IF YOU SHOULD FIND ANY ERRORS, ON THIS NOTICE, PLEASE SEND A REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT BRANCH, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231

ASSIGNOR:
VANDLEN, RICHARD L.

DOC DATE: 05/24/91

ASSIGNOR:
HOLMES, WILLIAM E.

DOC DATE: 05/24/91

RECORDATION DATE: 05/24/91 NUMBER OF PAGES 003 REEL/FRAME 5769/0756

DIGEST :ASSIGNMENT OF ASSIGNORS INTEREST

ASSIGNEE:
GENENTECH, INC.
A CORPORATION OF DE
460 POINT SAN BRUNO BOULEVARD
SOUTH SAN FRANCISCO, CALIFORNIA 94080

SERIAL NUMBER	7-705256	FILING DATE	05/24/91
PATENT PATENT		ISSUE DATE	00/00/00



EXPRESS MAIL LABEL NO. 705256
Date Mailed: 24 May 1991

GENENTECH, INC.
460 Point San Bruno Boulevard, South San Francisco, CA 94080
(415) 266-1489

Docket No. 712

Honorable Commissioner of Patents
and Trademarks
Washington, D.C. 20231

NEW APPLICATION TRANSMITTAL

SIR:

Transmitted herewith for filing is the patent application of Inventor(s): RICHARD L. VANDLEN et al.

Title: STRUCTURE, PRODUCTION AND USE OF HEREGULIN 2 LIGANDS

CERTIFICATION UNDER 37 CFR §1.10

I hereby certify that this New Application and the documents referred to as enclosed herein are being deposited with the United States Postal Service on this date 24 May 1991, in an envelope bearing "Express Mail Post Office To Addressee" Mailing Label Number FB 400 045 723 addressed to: Patent Application, Honorable Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Robert H. Benson

(Name of person mailing paper)

Robert H. Benson
Signature

Enclosed are:

1. The papers required for filing date under CFR §1.53(b):
107 Pages of specification (including claims); 11 Sheets of drawings (formal - x informal)
2. x Declaration/Oath/Power of Attorney
3. x Assignment of the invention to GENENTECH, INC.
4. Fee Calculation

CLAIMS AS FILED

	Number Filed	Number Extra	Rate	Basic Fee \$630
Total Claims	38 - 20 =	*	18 x \$20.00	\$360
Indep. Claims	6 - 3 =	*	3 x \$60.00	\$180
Multiple dependent claim(s), if any			\$200.00	\$ 0

*If less than zero, enter "0".

7. x Recording Assignment [\$8.00] \$ 8.00
8. Payment of Fees
x Charge Account No. 07-0630 in the amount of \$1,178. A duplicate of this transmittal is attached.
9. x Authorization to Charge Additional Fees
The Commissioner is hereby authorized to charge any additional fees (or credit any overpayment) associated with this communication and which may be required under 37 CFR §1.16 or §1.17 to Account No. 07-0630.
A duplicate sheet is attached.
10. Information Disclosure Statement
11. x Return Receipt Postcard

Dated MAY 24, 1991

By: *Robert H. Benson*
Name: Robert H. Benson
Registration No. 30,446

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8.00CH

REEL 5769 FRAME 756

A S S I G N M E N T

WHEREAS, RICHARD L. VANDLEN, a citizen of United States of America, residing at 1015 Hayne Road, Hillsborough, CA 94010 and WILLIAM E. HOLMES, a citizen of United States of America, residing at 29 Eastlake, Pacifica, CA 94044, have invented a new and useful invention in

STRUCTURE, PRODUCTION AND USE OF HEREGULIN 2 LIGANDS

for which an application Serial No. (Docket No. 712) for Letters Patent has been filed by them on 24 May 1991; and

WHEREAS, GENENTECH, INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, having a place of business at 460 Point San Bruno Boulevard, South San Francisco, California 94080, is desirous of acquiring an interest in and to said invention, and in and to the Letters Patents to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern;

That for good and valuable consideration the receipt of which is hereby acknowledged, the said RICHARD L. VANDLEN and WILLIAM E. HOLMES have and do hereby sell, assign, transfer and set over unto the said GENENTECH, INC., its successors and assigns, the full and exclusive right, title and interest including all rights under the Paris Convention for the Protection of Industrial Property, in and to said invention, and in and to any and all Letters Patents to be granted and issued therefor, not only for, to, and in the United States of America, its territories and possessions, but for, to and in all other countries; and it has been and is hereby authorized and requested that the appropriate government agencies issue said Letters Patents to said GENENTECH, INC., in accordance with this Assignment.

Said RICHARD L. VANDLEN and WILLIAM E. HOLMES covenant and agree to cooperate with GENENTECH, INC., to enable said GENENTECH, INC. to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said RICHARD L. VANDLEN and WILLIAM E. HOLMES includes prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said GENENTECH, INC., (a) for perfecting the right, title and interest herein conveyed (b) for prosecuting any of said applications; (c) for filing and prosecuting applications for reissuance of any of said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said

RICHARD L. VANDLEN and WILLIAM E. HOLMES in providing such cooperation shall be paid for by said GENENTECH, INC.

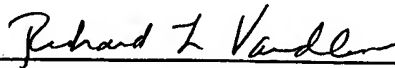
The terms and covenants of this assignment shall inure to the benefit of said GENENTECH, INC., its successors, assigns and other legal representatives, and shall be binding upon said RICHARD L. VANDLEN and WILLIAM E. HOLMES, their respective heirs, legal representatives and assigns.

Said RICHARD L. VANDLEN and WILLIAM E. HOLMES hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF we undersign as follows;

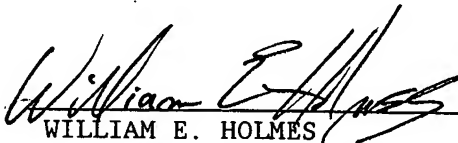
South San Francisco

Dated: 5/24/91


RICHARD L. VANDLEN

South San Francisco

Dated: 5/24/91


WILLIAM E. HOLMES

REEL 5769 FRAME 758

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MAY 24 91